

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/011730 A1

(51) International Patent Classification⁷: **A61K 39/00**, A61P 31/00, 35/00, 37/00

(21) International Application Number: PCT/GB2004/003285

(22) International Filing Date: 30 July 2004 (30.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 0318096.5 1 August 2003 (01.08.2003) GB

(71) Applicant (for all designated States except US): **QUEEN MARY & WESTFIELD COLLEGE [GB/GB]**; Mile End Road, London E1 4NS (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WANG, Ping** [SE/GB]; Centre for Adult & Paediatric Gastroenterology, Dominion House, School of Medicine & Dentistry, Queen Mary & Westfield College, West Smithfield, London EC1A 7BE (GB). **LI, Suling** [SE/GB]; Centre for Adult & Paediatric Gastroenterology, Dominion House, School of Medicine & Dentistry, Queen Mary & Westfield College, West Smithfield, London EC1A 7BE (GB).

(74) Agents: **BASSIL, Nicholas, Charles et al.**; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

(48) Date of publication of this corrected version: 1 December 2005

(15) Information about Correction:
see PCT Gazette No. 48/2005 of 1 December 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/011730 A1

(54) Title: MICROSOME VACCINE

(57) Abstract: A vaccine composition is provided which comprises inverted microsomes or fragments thereof from an animal cell in association with an externally disposed peptide antigen and a protein of the MHC.